

LIS007092671B2

(12) United States Patent

Lunsford et al.

(54) METHOD AND SYSTEM FOR WIRELESSLY AUTODIALING A TELEPHONE NUMBER FROM A RECORD STORED ON A PERSONAL INFORMATION DEVICE

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 615 days.

(21) Appl. No.: 09/727,727

(22) Filed: Nov. 30, 2000

(65) **Prior Publication Data**

US 2002/0065041 A1 May 30, 2002

(51) **Int. Cl. H04B** 7/**00** (2006.01)

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

5,109,403 A	* 4/1992	Sutphin 455/419
5,655,219 A	* 8/1997	Jusa et al 455/338
5,878,339 A	* 3/1999	Zicker et al 455/419
5,961,600 A	* 10/1999	Ono et al 709/228
5,983,100 A	* 11/1999	Johansson et al 455/426.1
6,069,588 A	* 5/2000	O'Neill, Jr 343/713
6,122,523 A	* 9/2000	Zicker et al 455/551

(10) Patent No.: US 7,092,671 B2

(45) **Date of Patent:** Aug. 15, 2006

6,282,433 E	31 * 8/2001	Holshouser 455/556.2
6,331,972 E	31 * 12/2001	Harris et al 370/313
6,374,079 E	31 * 4/2002	Hsu 455/11.1
6,424,820 E	31 * 7/2002	Burdick et al 455/41.1
6,484,027 E	31 * 11/2002	Mauney et al 455/421
6,515,575 E	31 * 2/2003	Kataoka 340/5.8
6,577,877 E	31 * 6/2003	Charlier et al 455/557
6,584,080 E	31 * 6/2003	Ganz et al 370/315
6,600,902 E	31 * 7/2003	Bell 455/411
6,650,871 E	31 * 11/2003	Cannon et al 455/41.2
6,728,531 E	31 * 4/2004	Lee et al 455/419

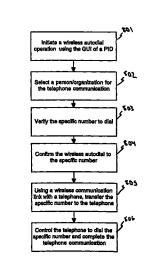
* cited by examiner

Primary Examiner-Marceau Milord

(57) ABSTRACT

An automated telephone dialing system. The system enables a handheld PID to automatically dial a telephone number stored its memory by interacting with a telephone. The telephone is equipped with a wireless port for short-range wireless data transfer. Similarly, the PID is equipped with a wireless port for short-range wireless data transfer. The PID establishes a wireless communication with the telephone. The PID is configured to control the telephone via the wireless communications such that the telephone dials a telephone number stored on the PID. The telephone number can be dialed in response to the user interacting with application executing on the PID. The application can be a contact management or address management program. The user can interact with the program, select a contact, address, phone number, or the like, through a GUI of the PID, and have this number automatically dialed by the telephone. In this manner, the user's PID seamlessly interacts with the user's telephone to dial numbers and establish phone calls without requiring the user to access controls of the telephone. The wireless communication between the PID and the telephone can be compatible with a version of the Bluetooth specification. The wireless communication between the PID and the telephone can also be compatible with a version of the IrDA specification.

16 Claims, 9 Drawing Sheets



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